

## ABSTRACT

--A sensor in which a field effect transistor element having a gate electrode on a rear side thereof that is electrically connected onto a resistive element having a top surface electrode and a bottom surface electrode in such a way that the gate electrode and a portion of the top surface electrode of the resistive element are coupled together via a conductive material, and a grounding electrode on a substrate is electrically connected with the bottom surface electrode of the resistive element.--

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